

The PHL 5100 is a pocket PC equipped with Windows Mobile™ software. It has an integrated barcode laser scanner. Features are: 64 MB RAM, 64 MB FlashROM, full colour LCD display, and IrDA interface.

Handheld terminal

PHL 5100

Pocket PC



Features

- Windows Mobile™ software
- Laser scan engine
- IrDA interface
- Resistive LCD touch screen
- Small size and light weight (ca. 200 g)

Benefits

- Applications for pocket PC available
- Integrated bar code reader
- Easy optical data transmission
- Interactive navigation and operation
- Easy to handle

Cabled

Wireless

Stationary

OEM

OPTICON
always scanning for new ID's

Specifications

PHL 5100 Pocket PC

Electrical specifications

Main battery pack	Li-Ion 1440mAh, rechargeable from supplied cradle
Backup battery	Lithium, recharged from main battery

Optical specifications

Light source	650 nm visible laser diode
Scan rate	100 scans/sec
Decode rate	100 decodes/sec
Reading angle	54°, effective 44°
Reading pitch angle	± 35°
Reading skew angle	+8 - +50°, -8 - -50°
Reading tilt angle	± 20°
Curvature	R>15 (at EAN8), R>20 (at EAN13)
Min. PCS value	0.45

Identification

Supported barcode symbologies	Chinese Post - Codabar ABC and CX - Code 39 - Code 39 Full ASCII - Code 93 - Code 128 - EAN-8 incl. +2,+5 - EAN-13 incl. +2,+5 - EAN-128 - IATA - ISBN - ISSN - Industrial 2of5 - Interleaved 2of5 - Italian Pharmaceutical - Matrix 2 of 5 - MSI/Plessey - UK/Plessey - Telepen - TriOptic - S-Code - UPC-A incl. +2,+5 - UPC-E incl. +2,+5
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Functionality

Memory FlashROM	64 MB
Memory RAM	64 MB SDRAM, expandable via SD card slot
Microprocessor	Intel® Xscale 400 MHz
Display	240x320 Pixels 65,536 color transreflective TFT with backlight
Keyboard function keys	Navigation button, 2 hot buttons*, 2 extra buttons*, Power key, Volume/Windows-scroll-key, Recording button*. (*buttons can be defined as Scan button)
Keyboard mode	Soft keyboard
Input devices	Touch panel, Stylus, Bar code scanner, Recorder
Programming	Pre-loaded Software: Pocket Outlook®(Calendar, Tasks, Contacts and Inbox), MSN® Messenger, Pocket Internet Explorer, Microsoft® Transcriber, Pocket Word, Pocket Excel, Microsoft® Windows Media™ Player 9, Microsoft Reader®, Picture, Terminal Services Client®, Notes Taker, Voice Recorder, ActiveSync® 3.7, Calculator, Game (Solitaire, Jawbreaker), (*depends on region)
Interface other	Audio: built-in microphone and speaker, 2,5mm stereo mini headset jack
Transmission	IrDA (115200 bps), USB-cradle

Physical specifications

Dimensions	(l x w x d) 131 x 78 x 21 mm
Weight body	200 g (excl. battery)

Regulatory

Laser safety class	IEC 825, Class I laserproduct
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Accessories

Power supply/charger for PHL5X00 Car adapter